

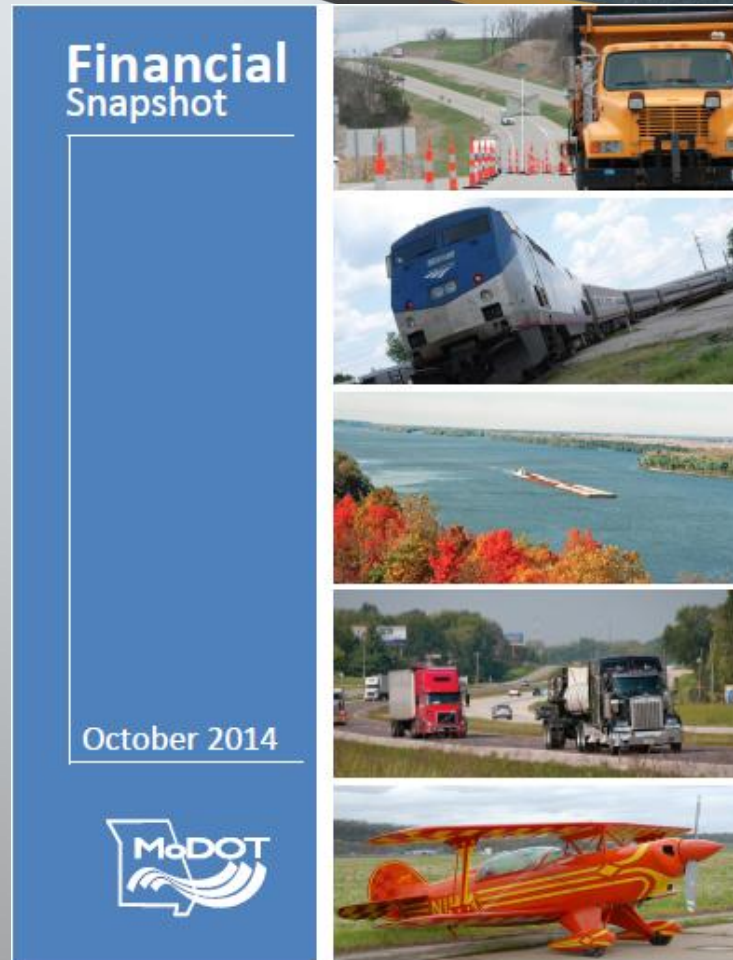


Missouri Limestone Producers Association 70th Annual Convention

The Transportation Funding Crisis

David Ahlvers
State Construction & Materials Engineer
Missouri Department of Transportation
December 4, 2014

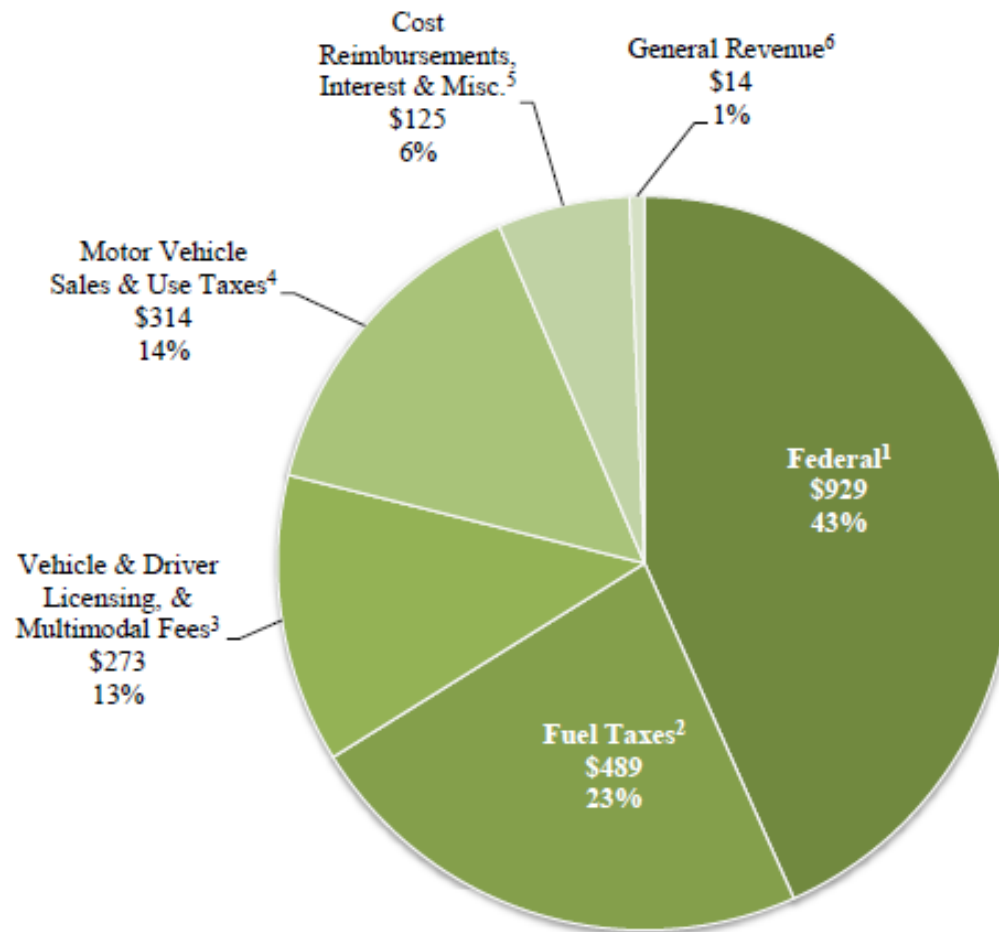
Financial Snapshot



<http://www.modot.org/about/documents/FinancialSnapshot.pdf>

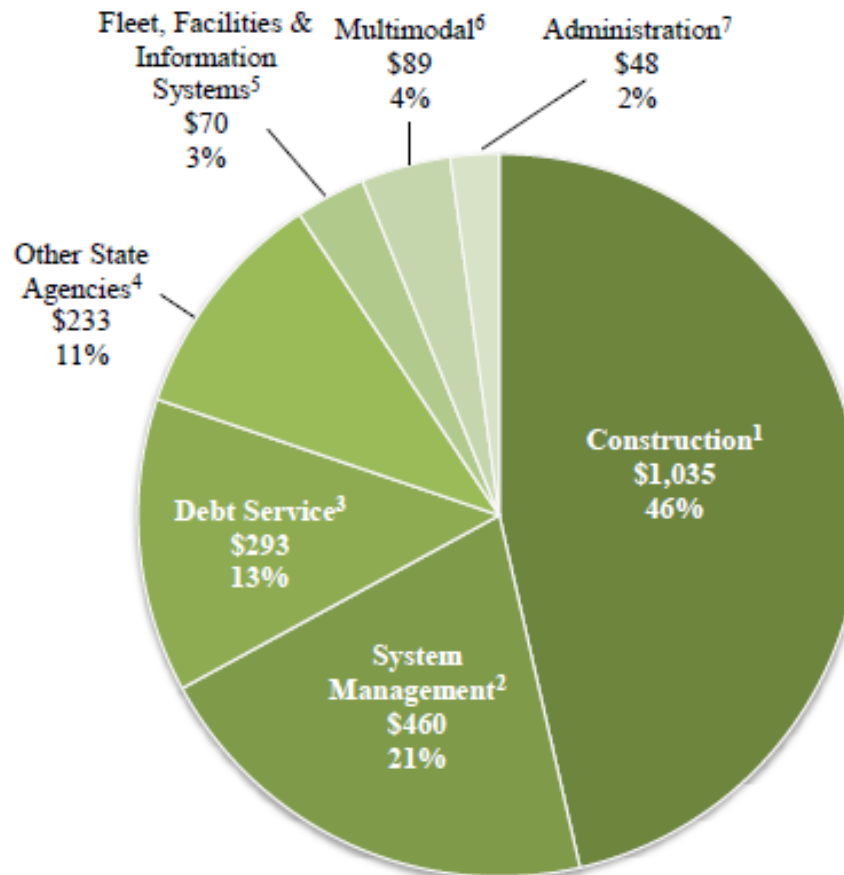
MoDOT Funding

Breakdown of \$2.1 Billion Fiscal Year 2014 Revenues
(Dollars in millions)



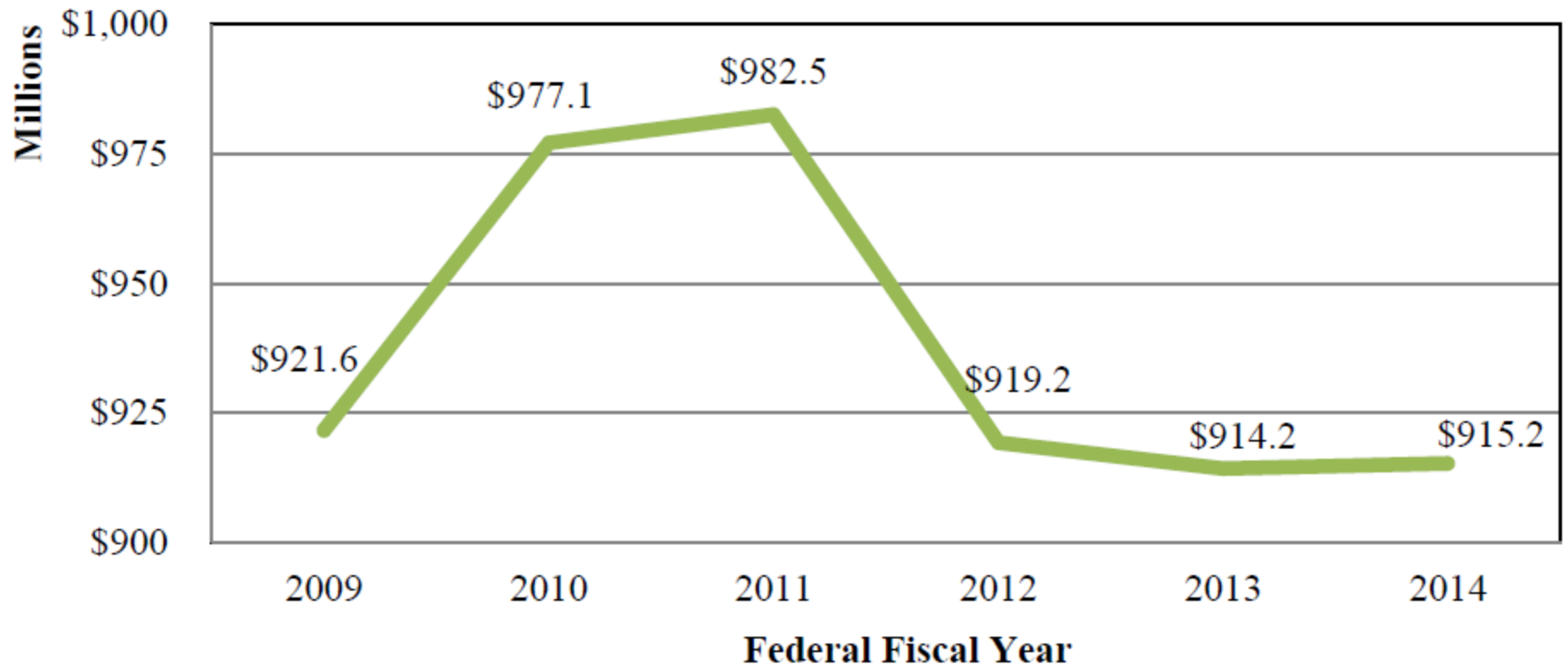
MoDOT Expenditures

Breakdown of \$2.2 Billion Fiscal Year 2014 Expenditures
(Dollars in millions)



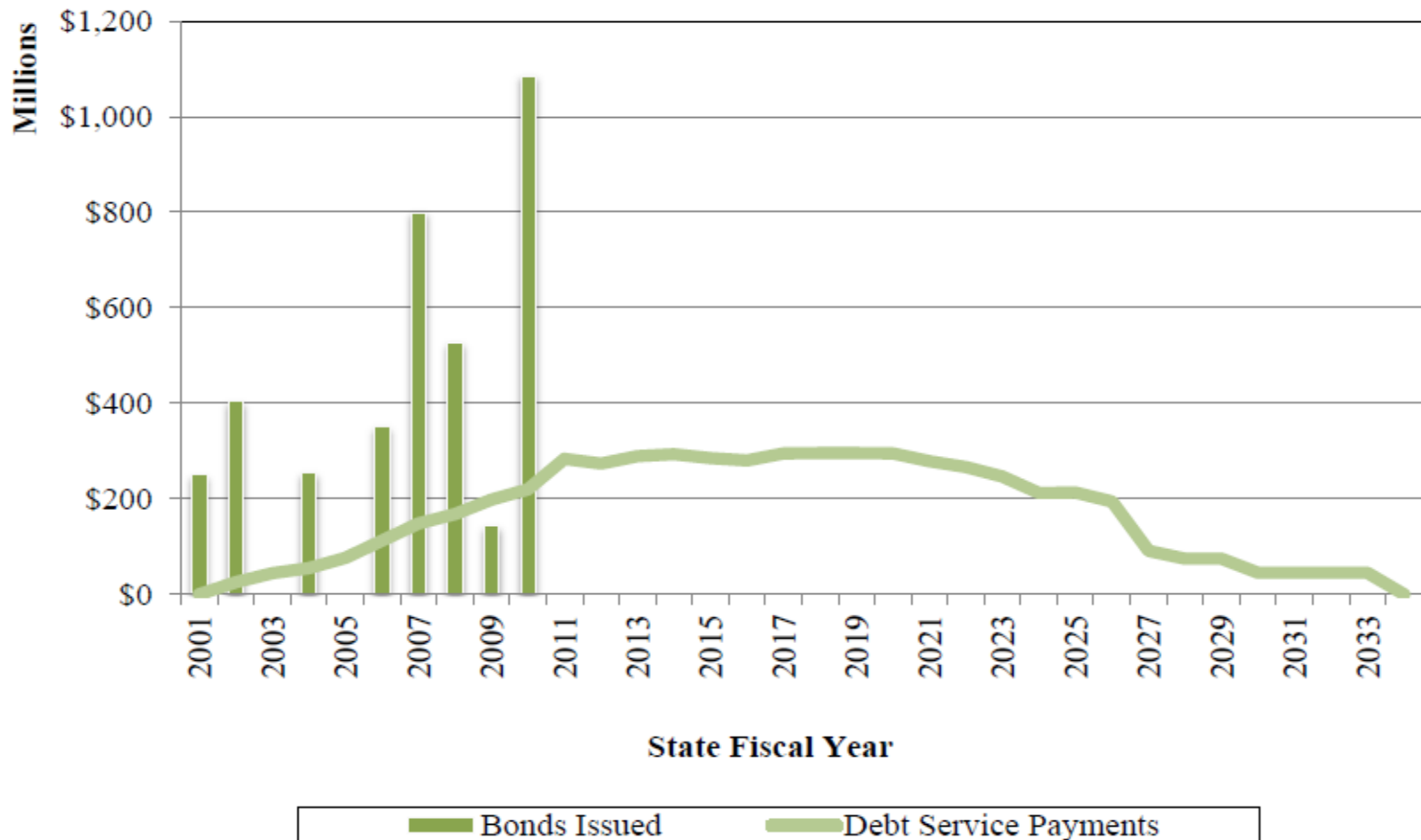
Federal Funding

Federal Aid Apportionments based on Moving Ahead for Progress in the 21st Century (MAP-21)
(Dollars in millions)

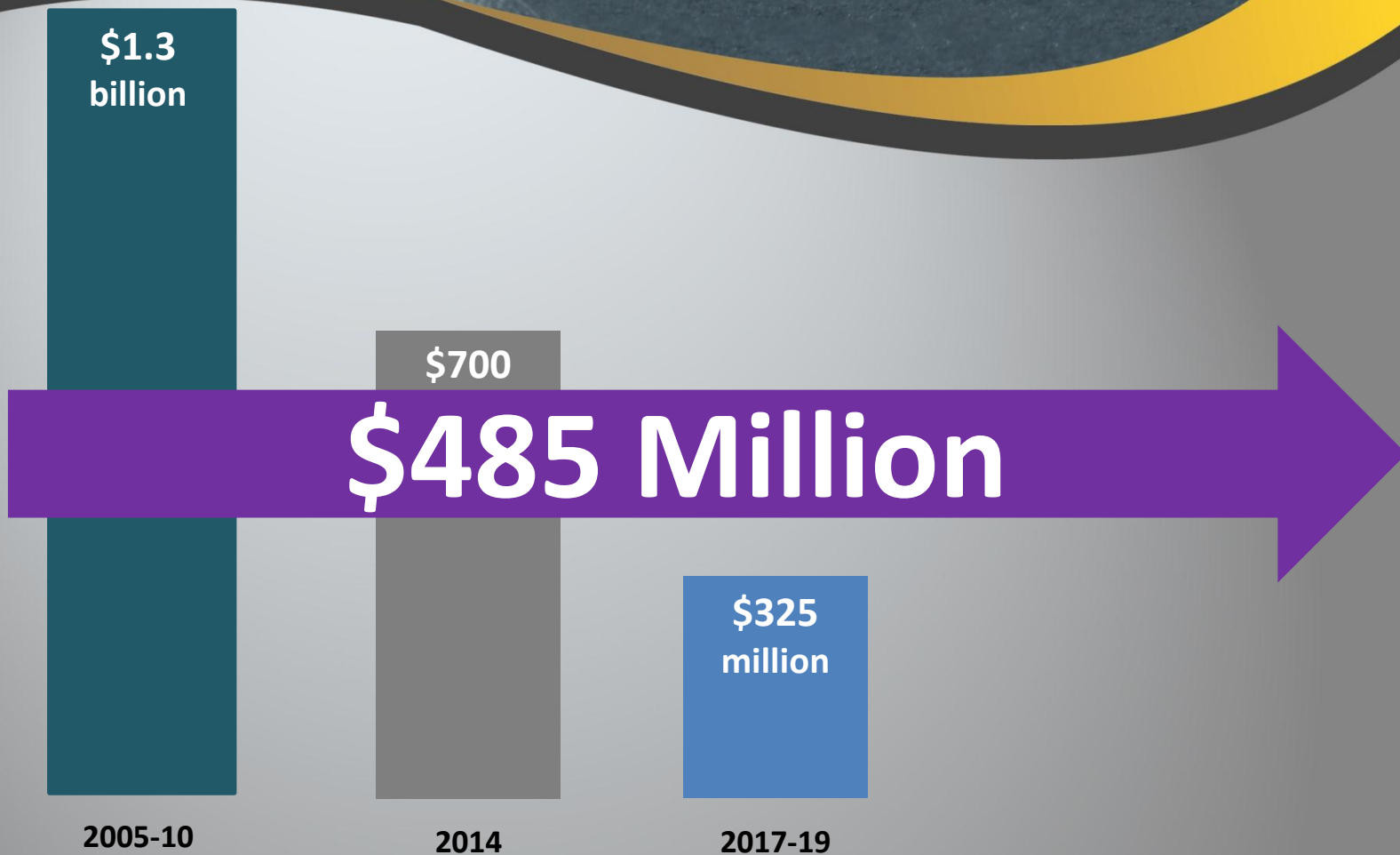


Debt Service

Summary of State Road Bond Financing Program (Dollars in millions)

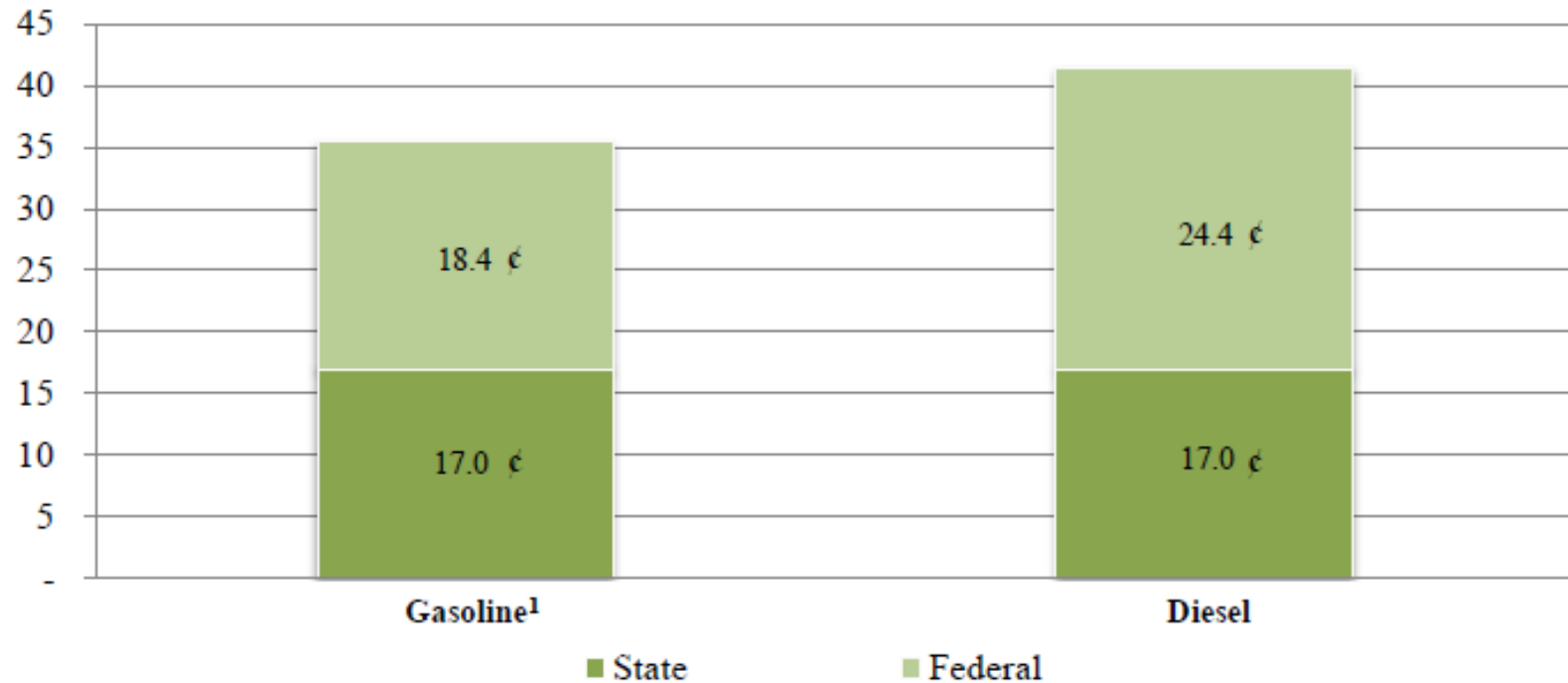


Funding

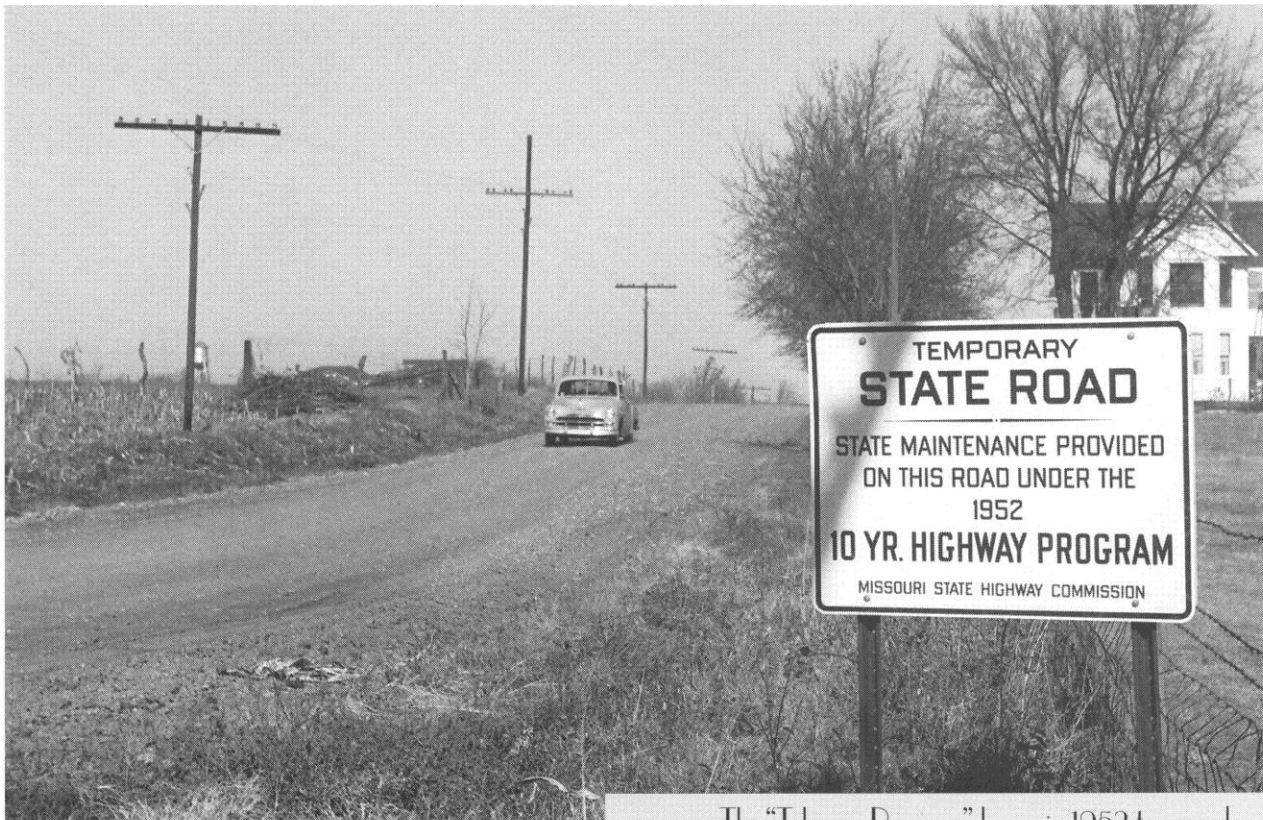


Transportation Facts

Cents per gallon



Transportation Facts



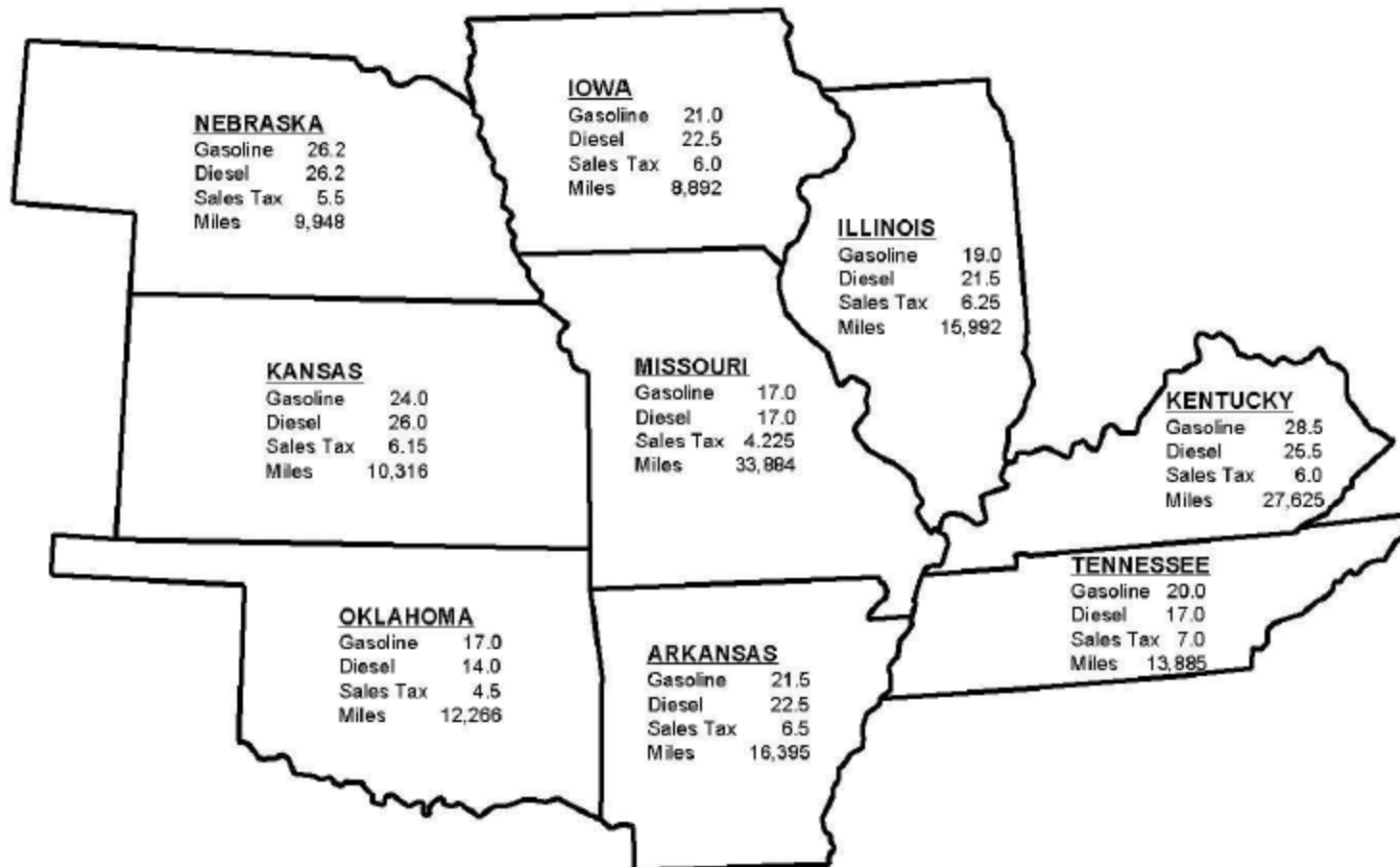
The "Takeover Program" began in 1952 to upgrade 12,000 miles of former county highways into the state system.

Transportation Facts



In 1956 Missouri became the first state to take bids and begin construction on the Interstate Highway System. Pictured above are (left to right) Dan Cane, Cameron, Joyce & Company; Chick Sayles, Alpha Portland Cement; John Latham, Charles Tevis, both of the State Highway Department; and Jack Gammon, Tinch Gammon, both of Cameron, Joyce & Company.

Transportation Facts



Transportation Facts

- Fuel usage has declined 6% from 2008 to 2014.

Net Motor Fuel Gallons Taxed
(Gallons in millions)

Fiscal Year	Gasoline ¹	Diesel	Total	Percent change
1990	2,622	614	3,236	0.929
1991	2,633	592	3,225	-0.324
1992	2,679	604	3,283	1.781
1993	2,686	613	3,299	0.500
1994 ²	2,766	697	3,463	4.953
1995	2,796	709	3,505	1.248
1996	2,837	772	3,609	2.968
1997	2,887	782	3,669	1.631
1998	2,931	802	3,733	1.775
1999 ³	2,926	835	3,761	0.741
2000	3,056	916	3,972	5.582
2001	2,975	860	3,835	-3.441
2002	3,025	914	3,939	2.708
2003	3,083	923	4,006	1.702
2004	3,148	977	4,125	2.993
2005	3,158	1,025	4,183	1.395
2006	3,124	1,032	4,156	-0.635
2007	3,109	1,033	4,142	-0.347
2008	3,119	1,064	4,183	0.982
2009	3,068	934	4,002	-4.316
2010	3,086	946	4,032	0.750
2011	3,066	967	4,033	0.019
2012	3,025	951	3,976	-1.413
2013	2,973	946	3,919	-1.431
2014	2,969	957	3,926	0.171

Transportation Facts

- A one cent fuel excise tax generates \$39.3 million in revenue.
- A one percent sales tax on fuel generates \$117 million in revenue.

Potential Transportation Revenue Options-Motor Fuel Tax

Yield from Increasing Gas Excise Tax ¹

	1-Cent	3-Cent	5-Cent
State (70%)	\$20,778,979	\$62,336,938	\$103,894,898
City (15%)	4,452,639	13,357,916	22,263,193
County (15%)	4,452,639	13,357,916	22,263,193
Total	\$29,684,257	\$89,052,770	\$148,421,284

Yield From Increasing Diesel Fuel Excise Tax ¹

	1-Cent	3-Cent	5-Cent
State (70%)	\$6,701,799	\$20,105,397	\$33,508,997
City (15%)	1,436,100	4,308,300	7,180,499
County (15%)	1,436,100	4,308,300	7,180,499
Total	\$9,573,999	\$28,721,997	\$47,869,995

Yield From Increasing All Motor Fuel Excise Tax ¹

	1-Cent	3-Cent	5-Cent
State (70%)	\$27,480,778	\$82,442,335	\$137,403,895
City (15%)	5,888,739	17,666,216	29,443,692
County (15%)	5,888,739	17,666,216	29,443,692
Total	\$39,258,256	\$117,774,767	\$196,291,279

Yield From Implementing Sales Tax On Motor Fuel ²

	1.0%	3.0%	5.0%
State (70%)	\$81,869,683	\$245,609,051	\$409,348,419
City (15%)	17,543,504	52,630,511	87,717,518
County (15%)	17,543,504	52,630,511	87,717,518
Total	\$116,956,691	\$350,870,073	\$584,783,455

Yield From Implementing Consumer Price Index Adjustment On Motor Fuel ^{1,3}

	Year-1	Year-2	Year-3
State (70%)	\$11,212,158	\$22,693,408	\$34,450,208
City (15%)	2,402,605	4,862,873	7,382,187
County (15%)	2,402,605	4,862,873	7,382,187
Total	\$16,017,368	\$32,419,154	\$49,214,582

Transportation Facts

- One percent increase in motor vehicle sales tax generates \$100 million.
- One percent general sales tax generates \$732 million.

Potential Transportation Revenue Options-Sales Tax

Yield From Increasing Motor Vehicle Sales Tax

	0.10%	0.25%	0.75%	1.00%
State (87.5%)	\$8,767,539	\$21,918,846	\$65,756,539	\$87,675,387
City (7.5%)	751,503	1,878,758	5,636,275	7,515,033
County (5%)	501,002	1,252,506	3,757,517	5,010,022
Total	\$10,020,044	\$25,050,110	\$75,150,331	\$100,200,442

Yield From Increasing General Sales Tax (Excludes Motor Vehicle Sales Tax)

	0.10%	0.25%	0.75%	1.00%
State (100%)	\$63,167,469	\$157,918,673	\$473,756,019	\$631,674,692
City (0%)	0	0	0	0
County (0%)	0	0	0	0
Total	\$63,167,469	\$157,918,673	\$473,756,019	\$631,674,692

Yield From Increasing General Sales Tax (Includes Motor Vehicle Sales Tax)

	0.10%	0.25%	0.75%	1.00%
State (98.3%)	\$71,935,008	\$179,837,519	\$539,512,558	\$719,350,079
City (1.0%)	751,503	1,878,758	5,636,275	7,515,033
County (0.7%)	501,002	1,252,506	3,757,517	5,010,022
Total	\$73,187,513	\$182,968,783	\$548,906,350	\$731,875,134

Transportation Facts

- A five dollar increase in drivers license fees generates \$5.6 million.

Potential Transportation Revenue Options-Motor Vehicle and Driver Licensing Fees and Alternative Fuel Decal Fees

Yield From Increasing All Passenger Car Fees

	\$5.00	\$10.00	\$25.00	\$30.00
State (75%)	\$13,446,135	\$26,892,270	\$67,230,675	\$80,676,810
City (15%)	2,689,227	5,378,454	13,446,135	16,135,362
County (10%)	1,792,818	3,585,636	8,964,090	10,756,908
Total	\$17,928,180	\$35,856,360	\$89,640,900	\$107,569,080

Yield From Increasing All Truck & Bus Fees

	\$5.00	\$10.00	\$25.00	\$30.00
State (75%)	\$5,606,152	\$11,212,305	\$28,030,762	\$33,636,915
City (15%)	1,121,231	2,242,461	5,606,153	6,727,383
County (10%)	747,487	1,494,974	3,737,435	4,484,922
Total	\$7,474,870	\$14,949,740	\$37,374,350	\$44,849,220

Yield From Increasing Driver Licensing Fees

	\$5.00	\$10.00	\$25.00	\$30.00
State (75%)	\$4,228,072	\$8,456,145	\$21,140,362	\$25,368,435
City (15%)	845,615	1,691,229	4,228,073	5,073,687
County (10%)	563,743	1,127,486	2,818,715	3,382,458
Total	\$5,637,430	\$11,274,860	\$28,187,150	\$33,824,580

Yield From Increasing Alternative Fuel Decal Fees

	10.00%	20.00%	30.00%	40.00%
State (75%)	\$18,784	\$37,569	\$56,353	\$75,138
City (15%)	3,757	7,514	11,271	15,028
County (10%)	2,505	5,009	7,514	10,018
Total	\$25,046	\$50,092	\$75,138	\$100,184

Our Direction

A decorative wavy line in yellow and gold colors, starting from the left edge and curving upwards towards the right, positioned below the title.

- Take care of the system as well as we can, for as long as we can, with the resources we have
- Keep our customers and ourselves safe, so everyone goes home
- Provide outstanding customer service